

# SEQUENCE LISTING

<110> Wood, Clive  
Chaudhary, Divya  
Long, Andrew

<120> TRADE MOLECULES, AND USES RELATED THERETO

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<151> 2000-02-11

<150> 60/182,148

<151> 2000-02-14

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<170> PatentIn Ver. 2.0

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Asp Cys Arg Gln Gln Glu Phe Arg Asp Arg Ser Gly Asn Cys Val Pro	
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Cys Asn Gln Cys Gly Pro Gly Met Glu Leu Ser Lys Glu Cys Gly Phe	
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Gly Tyr Gly Glu Asp Ala Gln Cys Val Thr Cys Arg Leu His Arg Phe	
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Lys Glu Asp Trp Gly Phe Gln Lys Cys Lys Pro Cys Leu Asp Cys Ala	
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Gly	Phe	Gln	Asp	Met	Glu	Cys	Val	Pro	Cys	Gly	Asp	Pro	Pro	Pro	Pro	
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Tyr	Glu	Pro	His	Cys	Ala	Ser	Lys	Val	Asn	Leu	Val	Lys	Ile	Ala	Ser	
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Ala	Leu	Ala	Thr	Val	Leu	Leu	Ala	Leu	Leu	Ile	Leu	Cys	Val	Ile	Tyr	
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Gln	Asp	Ile	Gln	Tyr	Asn	Gly	Ser	Glu	Leu	Ser	Cys	Phe	Asp	Arg	Pro	
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Leu Asn Pro Glu Leu Glu Ser Ser Thr Ser Leu Asp Ser Asn Ser Ser  
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caa gat ttg gtt ggt ggg gct gtt cca gtc cag tct cat tct gaa aac 1104  
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ttt aca gca gct act gat tta tct aga tat aac aac aca ctg gta gaa 1152  
Phe Thr Ala Ala Thr Asp Leu Ser Arg Tyr Asn Asn Thr Leu Val Glu  
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Ser Ala Ser Thr Gln Asp Ala Leu Thr Met Arg Ser Gln Leu Asp Gln  
385 390 395 400

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Glu Ser Gly Ala Ile Ile His Pro Ala Thr Gln Thr Ser Leu Gln Glu  
405 410 415

gct taaagaacct gcttctttct gcagtagaag cgtgtgctgg aacccaaaga 1301  
Ala

gaactccttt gttaggctta tggactgagc agtctggacc ttgcatggct tctggggcaa 1361  
Glu

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taactctgcat ttttcttaca tgagaagctt ctctgccaca aaagtgactt caaagacgga 1541  
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Ser	Ala	Ala	Ser	Leu	Gln	Ala	Arg	Asn	Ala	Gly	Pro	Ala	Gly	Glu	Met	275	280	285	
Val	Pro	Thr	Phe	Phe	Gly	Ser	Leu	Thr	Gln	Ser	Ile	Cys	Gly	Glu	Phe	290	295	300	
Ser	Asp	Ala	Trp	Pro	Leu	Met	Gln	Asn	Pro	Met	Gly	Gly	Asp	Asn	Ile	305	310	315	320
Ser	Phe	Cys	Asp	Ser	Tyr	Pro	Glu	Leu	Thr	Gly	Glu	Asp	Ile	His	Ser	325	330	335	
Leu	Asn	Pro	Glu	Leu	Glu	Ser	Ser	Thr	Ser	Leu	Asp	Ser	Asn	Ser	Ser	340	345	350	
Gln	Asp	Leu	Val	Gly	Gly	Ala	Val	Pro	Val	Gln	Ser	His	Ser	Glu	Asn	355	360	365	

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 Asp Cys Arg Gln Gln Glu Phe Arg Asp Arg Ser Gly Asn Cys Val Pro  
 35 40 45

tgc aac cag tgt ggg cca ggc atg gag ttg tct aag gaa tgt ggc ttc 192  
 Cys Asn Gln Cys Gly Pro Gly Met Glu Leu Ser Lys Glu Cys Gly Phe  
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 Gly Tyr Gly Glu Asp Ala Gln Cys Val Thr Cys Arg Leu His Arg Phe  
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acg gcc tcc agc cca cgg gac acg gcg ctg gct gcc gtt atc tgc agc			528
Thr Ala Ser Ser Pro Arg Asp Thr Ala Leu Ala Ala Val Ile Cys Ser			
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gct ctg gcc acc gtc ctg ctg gcc ctg ctc atc ctc tgt gtc atc tat			576
Ala Leu Ala Thr Val Leu Leu Ala Leu Leu Ile Leu Cys Val Ile Tyr			
	180	185	190
tgt aag aga cag ttt atg gag aag aaa ccc agc tgg tct ctg cgg tca			624
Cys Lys Arg Gln Phe Met Glu Lys Lys Pro Ser Trp Ser Leu Arg Ser			
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Ser Val Gln Thr Cys Gly Pro Val Arg Leu Leu Pro Ser Met Cys Cys			
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gag gag gcc tgc agc ccc aac ccg gcg act ctt ggt tgt ggg gtg cat			816
Glu Glu Ala Cys Ser Pro Asn Pro Ala Thr Leu Gly Cys Gly Val His			
	260	265	270
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Ser Ala Ala Ser Leu Gln Ala Arg Asn Ala Gly Pro Ala Gly Glu Met			
	275	280	285
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Val Pro Thr Phe Phe Gly Ser Leu Thr Gln Ser Ile Cys Gly Glu Phe			
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Ser Asp Ala Trp Pro Leu Met Gln Asn Pro Met Gly Gly Asp Asn Ile			
	305	310	315
tct ttt tgt gac tct tat cct gaa ctc gct gga gaa gac att cat tct			1008
Ser Phe Cys Asp Ser Tyr Pro Glu Leu Ala Gly Glu Asp Ile His Ser			
	325	330	335
ctc aat cca gaa ctt gaa agc tca acg tct ttg gat tca aat agc agt			1056
Leu Asn Pro Glu Leu Glu Ser Ser Thr Ser Leu Asp Ser Asn Ser Ser			
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caa gat ttg gtt ggt ggg gct gtt cca gtc cag tct cat tct gaa aac			1104
Gln Asp Leu Val Gly Gly Ala Val Pro Val Gln Ser His Ser Glu Asn			
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370 375 380

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Ser Ala Ser Thr Gln Asp Ala Leu Thr Met Arg Ser Gln Leu Asp Gln  
385 390 395 400

gag agt ggc gct atc atc cac cca gcc act cag acg tcc ctc cag gta 1248  
Glu Ser Gly Ala Ile Ile His Pro Ala Thr Gln Thr Ser Leu Gln Val  
405 410 415

agg cag cga ctg ggt tcc ctg tgaacacagc actgacttac agtagatcag 1299  
Arg Gln Arg Leu Gly Ser Leu  
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Gly Tyr Gly Glu Asp Ala Gln Cys Val Thr Cys Arg Leu His Arg Phe  
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Lys Glu Asp Trp Gly Phe Gln Lys Cys Lys Pro Cys Leu Asp Cys Ala  
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Val Val Asn Arg Phe Gln Lys Ala Asn Cys Ser Ala Thr Ser Asp Ala  
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Ile Cys Gly Asp Cys Leu Pro Gly Phe Tyr Arg Lys Thr Lys Leu Val  
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Gly Phe Gln Asp Met Glu Cys Val Pro Cys Gly Asp Pro Pro Pro Pro  
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Ile Leu Phe Leu Leu His Leu Ala Cys Lys Val Ser Cys Glu Thr Gly	
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ggc tat ggg gag gat gca cag tgt gtg ccc tgc agg ccg cac cgg ttc	240
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Lys Glu Asp Trp Gly Phe Gln Lys Cys Lys Pro Cys Ala Asp Cys Ala	
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Leu Val Asn Arg Phe Gln Arg Ala Asn Cys Ser His Thr Ser Asp Ala	
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Ala Leu Ala Thr Val Leu Leu Ala Leu Leu Ile Leu Cys Val Ile Tyr	
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Cys Lys Arg Gln Phe Met Glu Lys Lys Pro Ser Trp Ser Leu Arg Ser	
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cag gac att cag tac aat ggc tct gag ctg tca tgc ttt gac cag cct	672

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Asn	Pro	Glu	Asn	Glu	Ser	Ala	Ala	Ser	Leu	Asp	Ser	Ser	Gly	Gly	Gln		
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Ser	Thr	Asp	Ser	Pro	Arg	His	Gly	Asp	Thr	Gly	Thr	Val	Trp	Glu	Gln		
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 Val Cys Gly Asp Cys Leu Pro Gly Phe Tyr Arg Lys Thr Lys Leu Val  
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